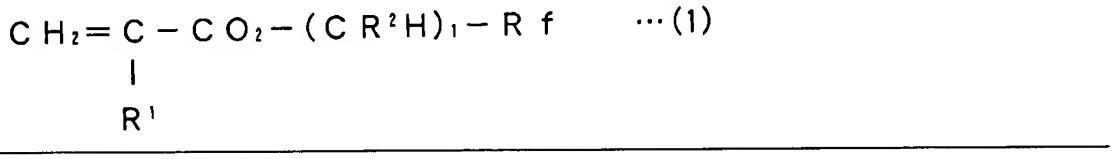
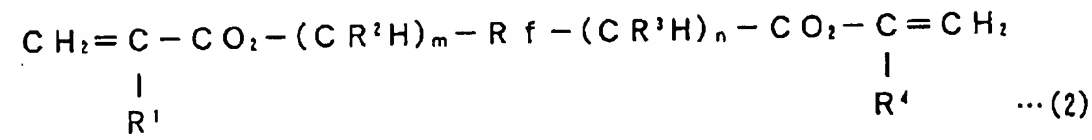
IN THE CLAIMS

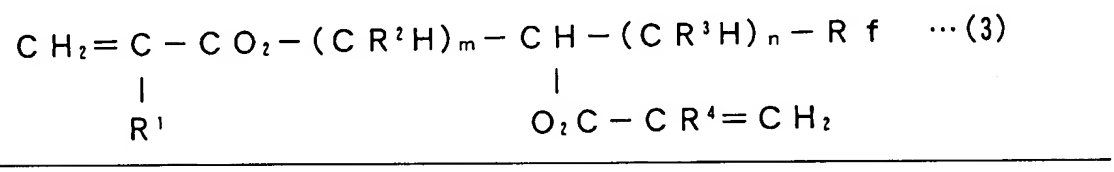
1. (currently amended) An adhesive comprising a fluorine-containing polymer and an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer is at least one kind of monomer selected from the group consisting of general formulas (1), (2) and (3):



$$CH_2=C(R^1)-CO_2-(CR^2H)_l-Rf \quad \cdots(1)$$

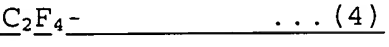


$$CH_2=C(R^1)-CO_2-(CR^2H)_m-Rf-(CR^3H)_n-CO_2-C(R^4)=CH_2 \quad \cdots(2)$$



$$CH_2=C(R^1)-CO_2-(CR^2H)_m-CH(O_2C-CR^4=CH_2)-(CR^3H)_n-Rf \quad \cdots(3)$$

wherein R^1 and R^4 each independently representing hydrogen or a methyl group, R^2 and R^3 each independently representing hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and l, m and n each are an integer of 1 to 8, and the fluorine-containing polymer is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):



$$-C_2F_4- \quad \ldots(4)$$

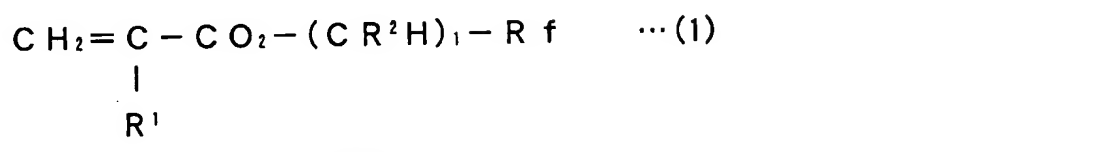
$-C_3H_6-$ ...(5)

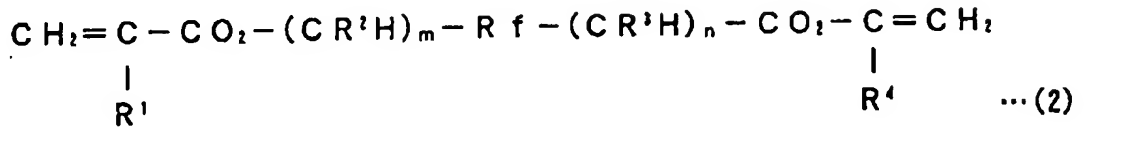
$-C_2H_2F_2-$ ...(6).

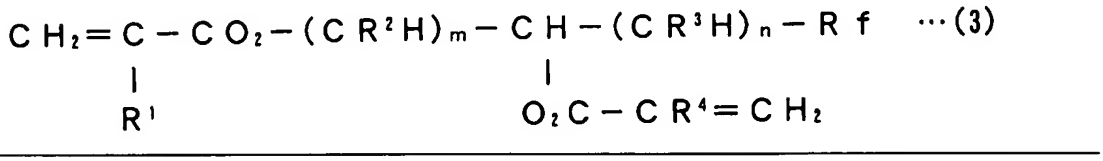
2-3. (cancelled)

4. (currently amended) A pellicle comprising a pellicle film and a pellicle frame for supporting the pellicle film, wherein

the pellicle film is adhered to the pellicle frame through an adhesive layer comprising a fluorine-containing polymer and a substance resulting from curing of an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer is at least one kind of monomer selected from the group consisting of general formulas (1), (2) and (3):







wherein R^1 and R^4 each independently representing hydrogen or a methyl group, R^2 and R^3 each independently representing hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and l, m and n each are an integer of 1 to 8, and the fluorine-containing polymer is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

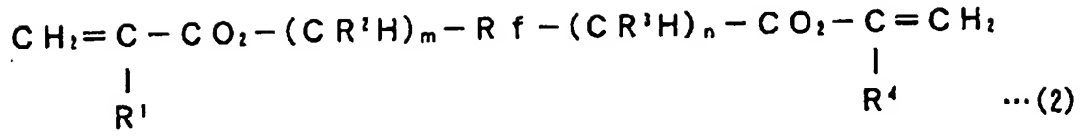
$-C_2F_4-$ ...(4)

$-C_3H_6-$ ...(5)

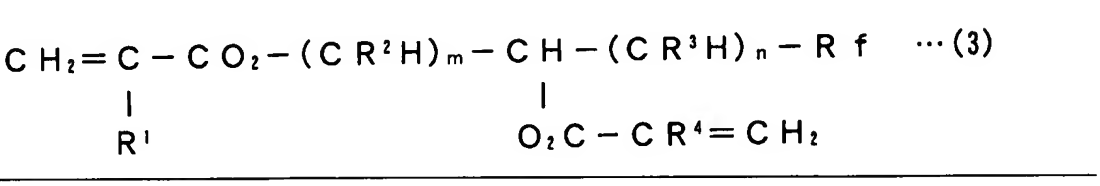
$-C_2H_2F_2-$ ...(6).

5. (currently amended) A method for producing ~~method of~~ a pellicle including a pellicle film and a pellicle frame for supporting the pellicle film, comprising a step of adhering the pellicle film to the pellicle frame through an adhesive comprising a fluorine-containing polymer and an ultraviolet-curing fluorine-containing monomer, wherein the ultraviolet-curing fluorine-containing monomer is at least one kind of monomer selected from the group consisting of general formulas (1), (2) and (3):

$$CH_2=\underset{\displaystyle R^1}{\overset{\displaystyle |}{C}}-CO_2-(CR^2H)_l-Rf \quad \cdots(1)$$



... (2)



... (3)

wherein R^1 and R^4 each independently representing hydrogen or a methyl group, R^2 and R^3 each independently representing hydrogen or a hydroxyl group, Rf is a fluorine-containing group, and l, m and n each are an integer of 1 to 8, and the fluorine-containing polymer is a copolymer comprising structural units represented by the following formulas (4), (5), and (6):

$-C_2F_4-$ ...(4)

$-C_3H_6-$ ...(5)

$-C_2H_2F_2-$ ...(6).

6. (new) The adhesive as recited in claim 1, wherein the fluorine-containing polymer is a copolymer comprising structural units represented by formula (7):

$$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c- \quad ...(7)$$

wherein each of a, b and c is a positive integer.

7. (new) The pellicle as recited in claim 4, wherein the fluorine-containing polymer is a copolymer comprising structural units represented by formula (7):

$$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c- \ldots (7)$$

wherein each of a, b and c is a positive integer.

8. (new) The method as recited in claim 5, wherein the fluorine-containing polymer is a copolymer comprising structural units represented by formula (7):

$$-(C_2F_4)_a-(C_3H_6)_b-(C_2H_2F_2)_c- \ldots (7)$$

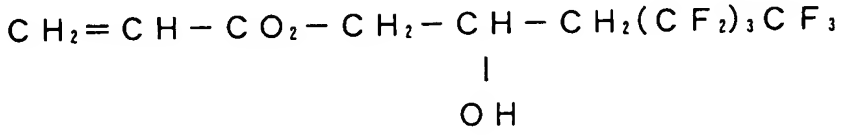
wherein each of a, b and c is a positive integer.

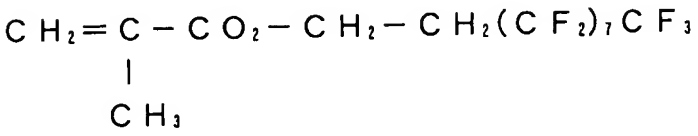
9. (new) The adhesive as recited in claim 1, wherein the ratio between the fluorine-containing polymer and the ultraviolet-curing fluorine-containing monomer contained in the adhesive is fluorine-containing polymer : ultraviolet-curing fluorine-containing monomer = 1 : 0.25 to 0.5 (weight ratio) in the case of monoacrylate fluorine-containing monomer represented by general formula (2); and fluorine-containing polymer : ultraviolet-curing fluorine-containing monomer = 1 : 0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3) or (4).

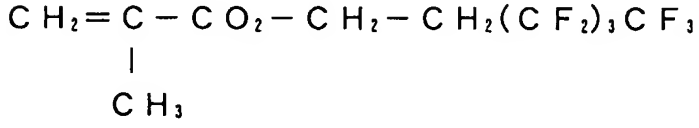
10. (new) The pellicle as recited in claim 4, wherein the ratio between the fluorine-containing polymer and the ultraviolet-curing fluorine-containing monomer contained in the adhesive layer is fluorine-containing polymer : ultraviolet-curing fluorine-containing monomer = 1 : 0.25 to 0.5 (weight ratio) in the case of monoacrylate fluorine-containing monomer represented by general formula (2); and fluorine-containing polymer : ultraviolet-curing fluorine-containing monomer = 1 : 0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3) or (4).

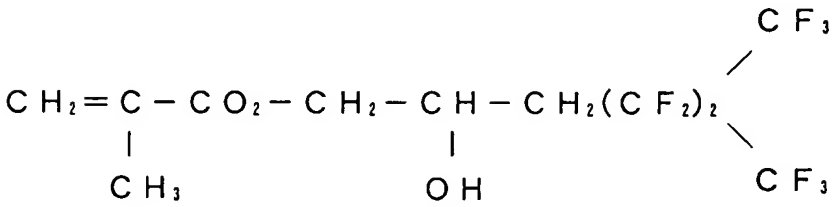
11. (new) The method as recited in claim 5, wherein the ratio between the fluorine-containing polymer and the ultraviolet-curing fluorine-containing monomer contained in the adhesive is fluorine-containing polymer : ultraviolet-curing fluorine-containing monomer = 1 : 0.25 to 0.5 (weight ratio) in the case of monoacrylate fluorine-containing monomer represented by general formula (2); and fluorine-containing polymer : ultraviolet-curing fluorine-containing monomer = 1 : 0.25 to 3 (weight ratio) in the case of diacrylate fluorine-containing monomer represented by general formula (3) or (4).

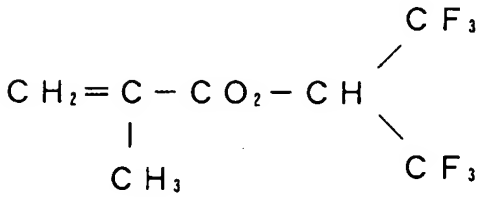
12. (new) The adhesive as recited in claim 1, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

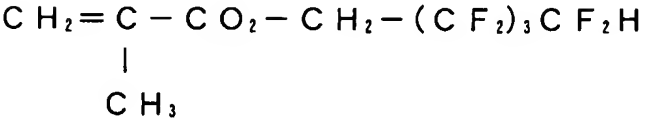




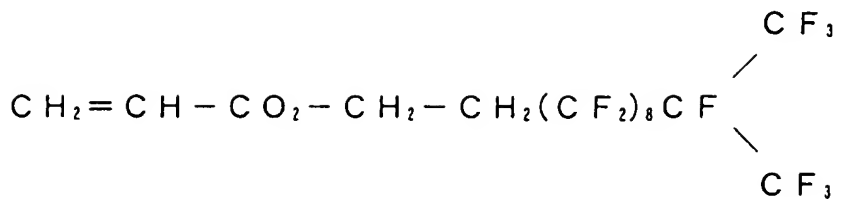




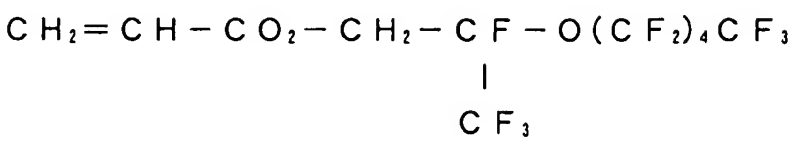




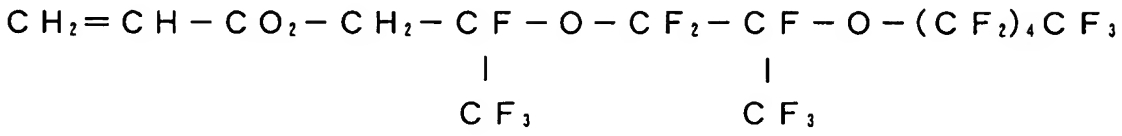
$CH_2=CH-CO_2-CH_2-CH_2-(CF_2)_9CF_3$



$CH_2=CH-CO_2-CH_2(CF_2)_4CH_2OH$

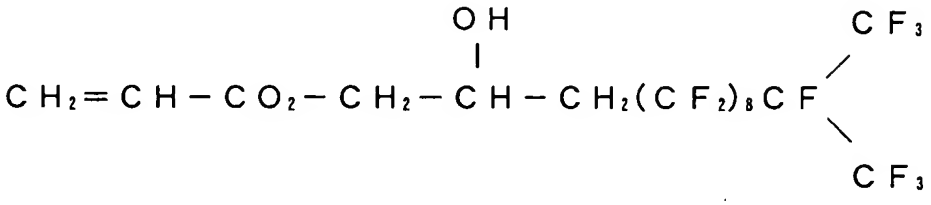


$CH_2=CH-CO_2-(CH_2)_6-(CF_2)_5CF_3$

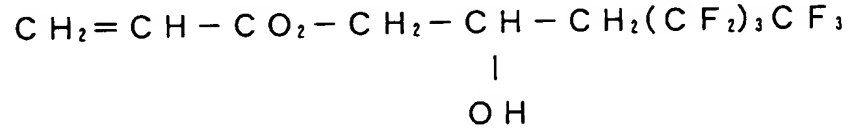


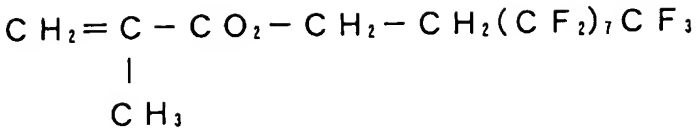
$CH_2=CH-CO_2-CH_2-(CF_2)_5CF_2H$

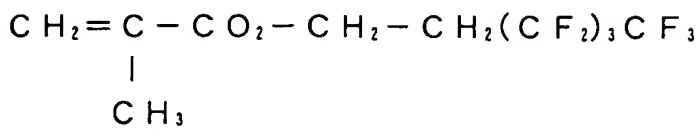
$CH_2=CH-CO_2-(CH_2)_6(CF_2)_3CF_3$ and

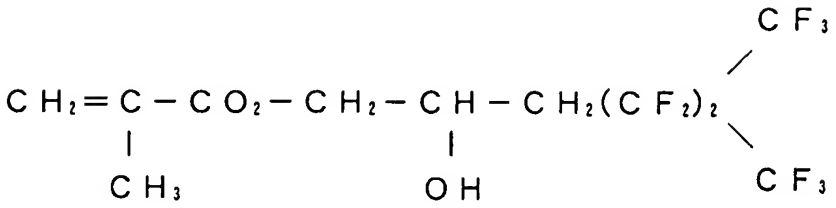


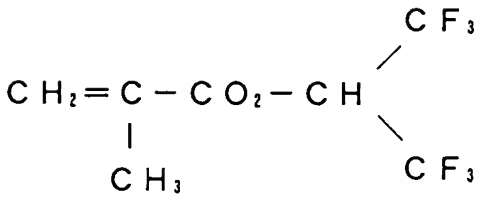
13. (new) The pellicle as recited in claim 4, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

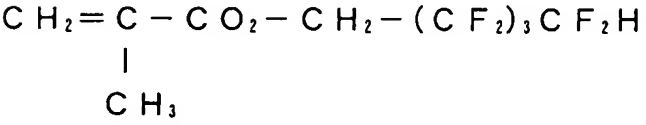




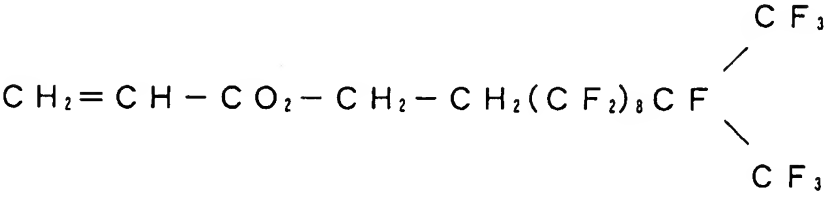




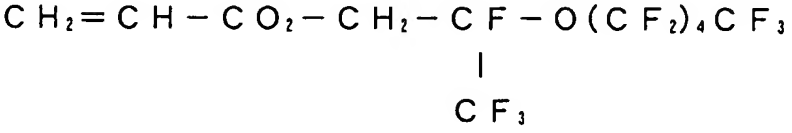




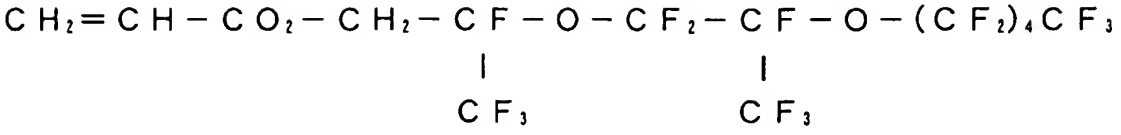
$CH_2=CH-CO_2-CH_2-CH_2-(CF_2)_9CF_3$



$CH_2=CH-CO_2-CH_2(CF_2)_4CH_2OH$

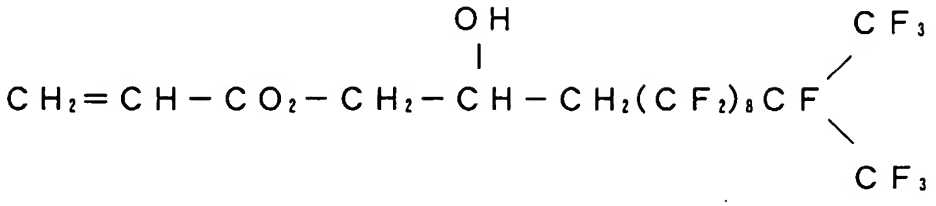


$CH_2=CH-CO_2-(CH_2)_6-(CF_2)_5CF_3$

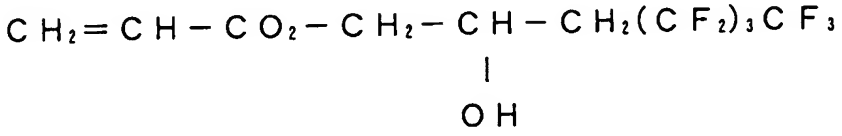


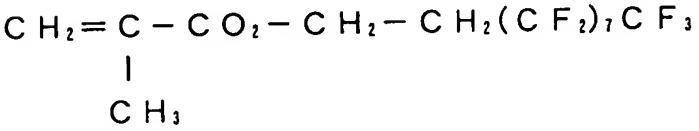
$CH_2=CH-CO_2-CH_2-(CF_2)_5CF_2H$

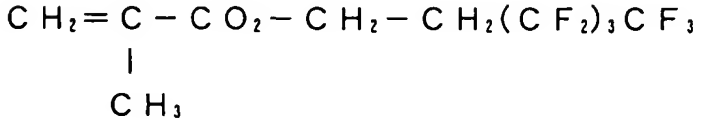
$CH_2=CH-CO_2-(CH_2)_6(CF_2)_3CF_3$ and

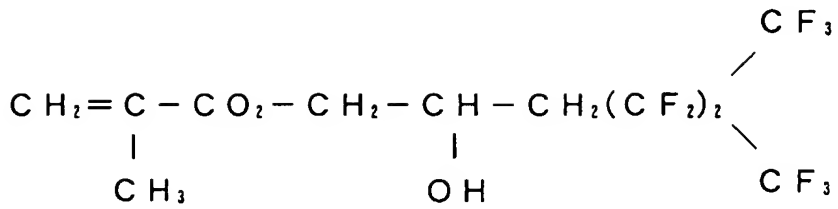


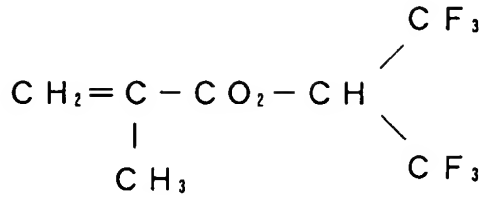
14. (new) The method as recited in claim 5, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (1) is at least one selected from the group consisting of:

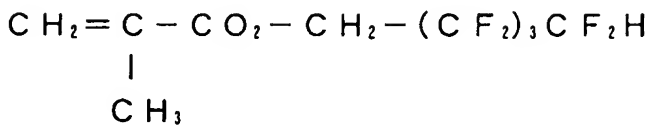




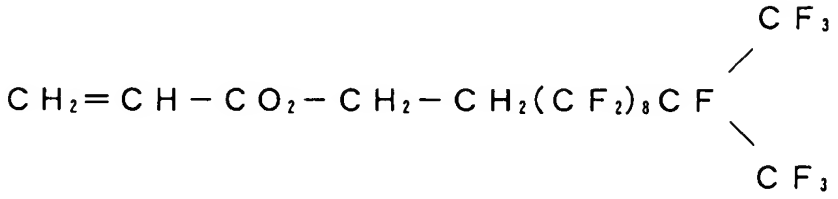




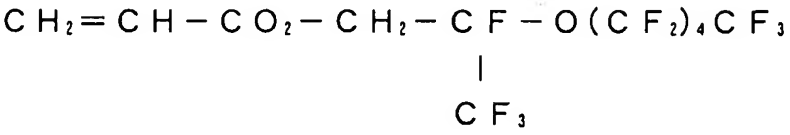




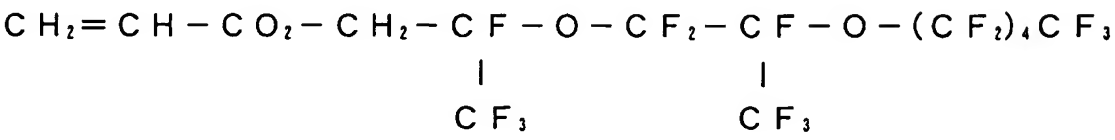
$CH_2=CH-CO_2-CH_2-CH_2-(CF_2)_9CF_3$



$CH_2=CH-CO_2-CH_2(CF_2)_4CH_2OH$

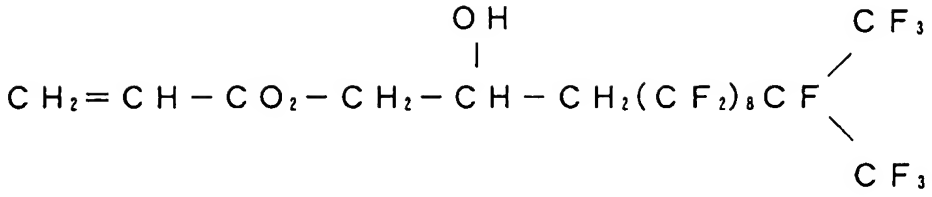


$CH_2=CH-CO_2-(CH_2)_6-(CF_2)_5CF_3$



$CH_2=CH-CO_2-CH_2-(CF_2)_5CF_2H$

$CH_2=CH-CO_2-(CH_2)_6(CF_2)_3CF_3$ and



15. (new) The adhesive as recited in claim 1, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$CH_2=CH-CO_2-CH_2-(CF_2)_2-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_4-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_8-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$

(n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$

(n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$

(n and m are respectively 1 to 3) and

$CH_2=CH-CO_2-CH(OH)-(CF_2)_4-(CH)_n-CO_2-CH=CH_2$

(n is 1 to 3).

16. (new) The pellicle as recited in claim 4, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$CH_2=CH-CO_2-CH_2-(CF_2)_2-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_4-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_8-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$

(n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$

(n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$

(n and m are respectively 1 to 3) and

$CH_2=CH-CO_2-CH(OH)-(CF_2)_4-(CH)_n-CO_2-CH=CH_2$

(n is 1 to 3).

17. (new) The method as recited in claim 5, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (2) is at least one selected from the group consisting of:

$CH_2=CH-CO_2-CH_2-(CF_2)_2-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_4-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_6-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-CH_2-(CF_2)_8-CH_2-CO_2-CH=CH_2$

$CH_2=CH-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$

(n and m are respectively 1 to 3)

$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-CH=CH_2$

(n and m are respectively 1 to 3)

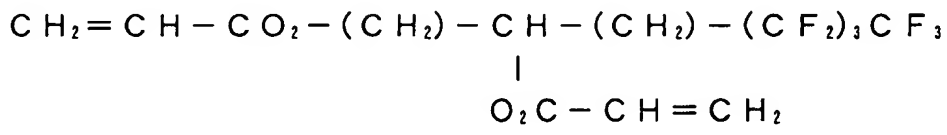
$CH_2=C(CH_3)-CO_2-(CH_2)_n-(CF_2)_4-(CH_2)_m-CO_2-C(CH_3)=CH_2$

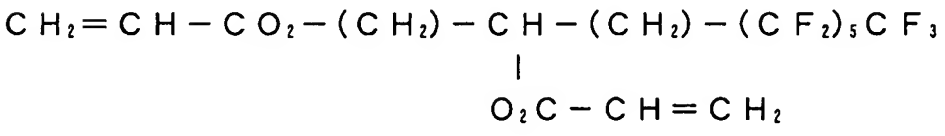
(n and m are respectively 1 to 3) and

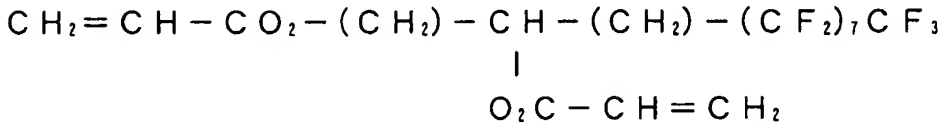
$CH_2=CH-CO_2-CH(OH)-(CF_2)_4-(CH)_n-CO_2-CH=CH_2$

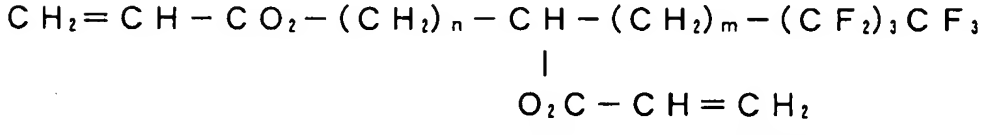
(n is 1 to 3).

18. (new) The adhesive as recited in claim 1, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:



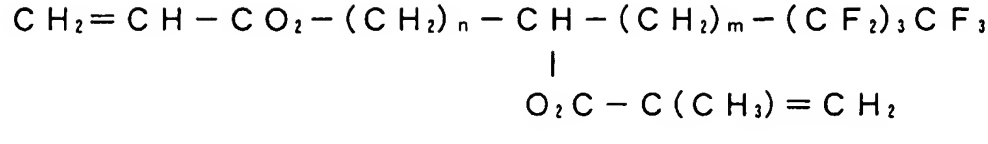






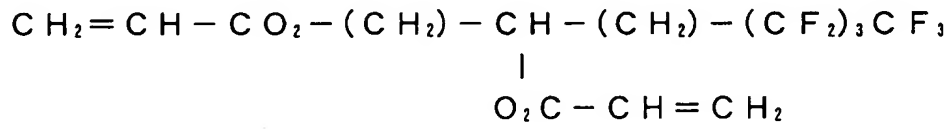
(n and m are respectively 1 to 3)

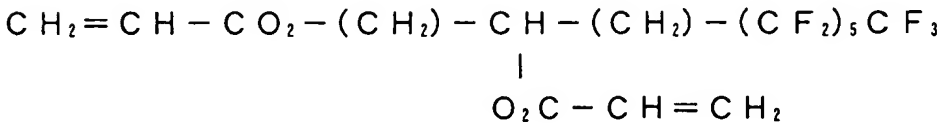
and

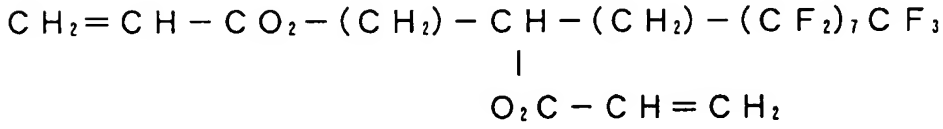


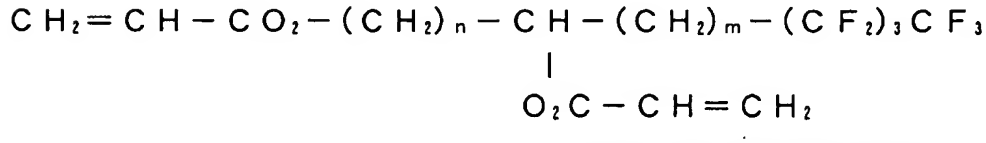
(n and m are respectively 1 to 3)

19. (new) The pellicle as recited in claim 5, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:



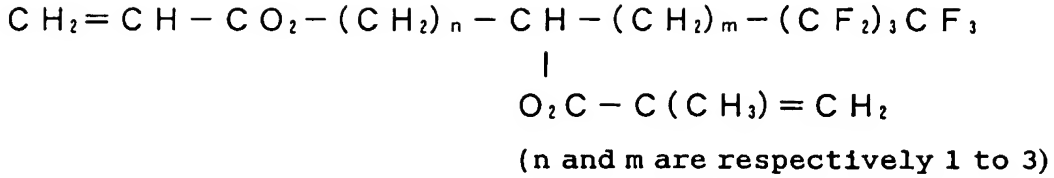






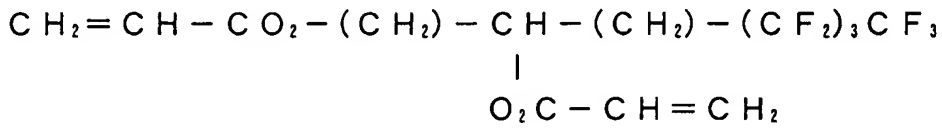
(n and m are respectively 1 to 3)

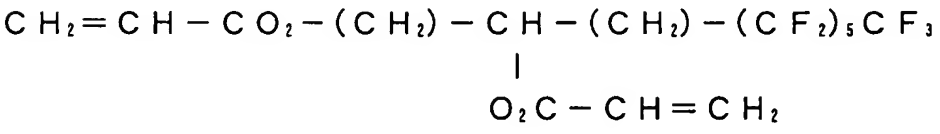
and

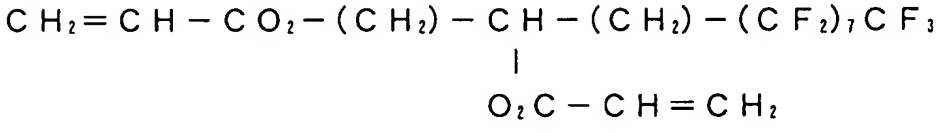


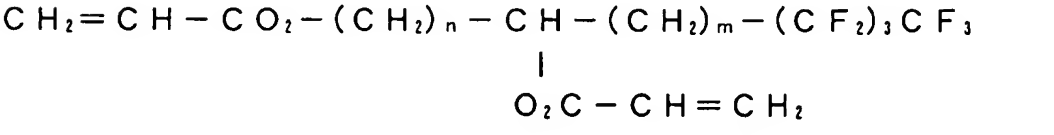
(n and m are respectively 1 to 3)

20. (new) The method as recited in claim 5, wherein the ultraviolet-curing fluorine-containing monomer represented by general formula (3) is at least one selected from the group consisting of:



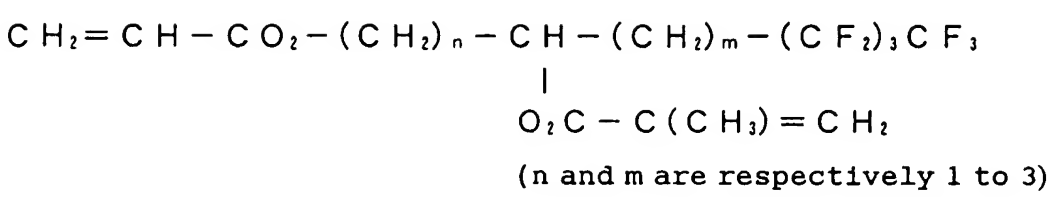






(n and m are respectively 1 to 3)

and



(n and m are respectively 1 to 3)